

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("4630949" "4789259").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 16:44
S2	1	"20050179191"	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 17:22
S3	188	271/306.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/14 17:23
S4	6382	"271".clas. and motor and (clutch or mechanism) and speed and direction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/14 17:26
S5	3808	"271".clas. and motor and (clutch or mechanism) and speed and (direction or path) and feed\$3 and (print\$3 or image form\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 17:31
S6	2432	"271".clas. and motor and (clutch or mechanism) and speed and (direction or path) and feed\$3 and (print\$3 or image form\$3) and change	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 17:30
S7	17	271/306.ccls. and motor and (clutch or mechanism) and speed and (direction or path) and feed\$3 and (print\$3 or image form\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 09:25
S8	2	"20050248081"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/14 17:44
S9	704	271/184.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 09:25

## EAST Search History

S10	201	271/4.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 10:01
S11	0	"271".ccls. and ink jet and speed and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 10:01
S12	135	"271".clas. and ink jet and speed and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 10:02
S13	136	"271".clas. and (ink jet or dot printer) and speed and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 10:48
S14	203	271/10.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 15:24
S15	16	("4798374"   "4846456"   "4905054"   "4975749"   "4979727"   "4984779"   "5016061"   "5054768"   "5083766"   "5228669"   "5296908"   "5308054"   "5392092"   "6234470"   "6354584"   "6547235").PN. OR ("6811151"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:42
S16	14	("4929105"   "5169136"   "5238235").PN. OR ("5480132"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 15:53
S17	31	271/10.09.ccls. and (reverse or retract\$3) and speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 17:33
S18	39	271/10.09.ccls. and (reverse or retract\$3 or opposite direction) and speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 16:03

## EAST Search History

S19	42	("3966198"   "4313124"   "4345262"   "4459600"   "4463359"   "4529188"   "4544294"   "4558333"   "4581618"   "4608577"   "4638987"   "4691911"   "4721297"   "4723129"   "4740796"   "4798374"   "4866531"   "4884909"   "4953037"   "5118090"   "5138343"   "5141346"   "5184902"   "5211690"   "5226639"   "5370380"   "5523858").PN. OR ("5793399").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 16:31
S20	70	271/10.09.ccls. and speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 17:40
S21	1729	"271".clas. and speed and (quality or resolution) and high	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 17:42
S22	621	"271".clas. and speed and (quality or resolution) and high and motor and (transmission or mechanism) and (reverse direction or retract\$3 or different direction or opposite direction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 17:45
S23	115	"271".clas. and speed and (quality or resolution) and high and motor and (transmission or mechanism) and (reverse direction or retract\$3 or different direction or opposite direction) and ink jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 17:46
S24	115	"271".clas. and speed and (quality or resolution) and high and motor and (transmission or mechanism) and (reverse direction or retract\$3 or different direction or opposite direction) and (ink jet or ink-jet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/18 18:22
S25	7	("3981497"   "5465949"   "5924686"   "5971388"   "5996993").PN. OR ("6135439").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 18:07
S26	520	271/10.11.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 16:19

## EAST Search History

S27	297	"271".clas. and high speed and (high resolution or high quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 09:39
S28	64	"271".clas. and high speed and (high resolution or high quality) and motor and transmission	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 09:53
S29	3	("20030174355"   "6189395"   "6736502").PN. OR ("7154639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:43
S30	13	("1336796"   "1515850"   "4377337"   "4965638"   "5643129"   "5831749"   "5845180"   "5926290"   "6002508").PN. OR ("6189395").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:46
S31	159	"271".clas. and high speed and (high resolution or high quality) and motor and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 10:09
S32	71	271/10.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/19 10:09
S33	1376	347/104.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 15:21
S34	300	347/104.ccls. and high speed and (resolution or quality) and (transmission or quality)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 14:10
S35	588	271/270.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 09:52
S36	5	("4331328"   "4451027"   "4780745"   "5104110"   "6644660").PN. OR ("7150455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 12:19
S37	214	271/270.ccls. and high speed	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 12:54

## EAST Search History

S38	66	("3825248"   "4077620"   "4085929"   "4171130"   "4299381"   "4302000"   "4331328"   "4451027"   "4541624"   "4595188"   "4615519"   "4634111"   "4787620"   "4867430"   "4893804"   "4955596"   "5044877"   "5056771"   "5074540"   "5092574"   "5116039"   "5119554"   "5121915"   "5129642"   "5163666"   "5197629"   "5197726"   "5238236"   "5244198"   "5246223"   "5257777"   "5290022"   "5292114"   "5295677"   "5297785"   "5299797"   "5299875"   "5335899"   "5423527"   "5429569"   "5441159"   "5443359"   "5456457"   "5476254"   "5518121"   "5564689"   "5575466"   "5575469"   "5657982"   "5689795"   "5692741"   "5692742"   "5772383"   "5794029"   "5829742"   "5833230"   "5941517"   "5947468"   "5971389").PN. OR ("6354583").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 12:48
S39	115	271/270.ccls. and high speed and motor and (print\$3 or recording)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 13:03
S40	696	271/272.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 13:10
S41	303	271/10.01.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 14:02
S42	2276	"271".clas. and control and high speed and motor and (transmission or mechanism)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 13:44
S43	840	"271".clas. and control and high speed and motor and (transmission or mechanism) and printer	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/20 13:44
S44	370	271/10.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/20 14:02
S45	302	347/104.ccls. and high speed and (resolution or quality) and (transmission or quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/20 14:10

## EAST Search History

S46	315	347/104.ccls. and high speed and (resolution or quality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/20 14:10
S47	554	271/3.14.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 16:12
S48	34	271/3.14.ccls. and duplex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/20 16:13
S49	66	"271".clas. and (transmission or gear train) and (alternative path or different path or reverse path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/20 16:27
S50	14	("20030049046"   "4436404"   "5333728"   "5543909"   "5775690"   "5904350"   "5933697"   "6120019"   "6338481"   "6496660"   "6554216"   "6634634"   "6805347"   "6834853").PN. OR ("7063318").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 16:32
S51	0	"271".ccls. and opposite (direction or path) and motor and (transmission or gear train)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 09:37
S52	1111	"271".clas. and opposite (direction or path) and motor and (transmission or gear train)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 09:38
S53	763	"271".clas. and opposite (direction or path) and motor and (transmission or gear train) and speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 11:12
S54	1255	"271".clas. and duplex	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 11:15
S55	220	"271".clas. and duplex and motor and (transmission or gear train or control speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 11:16

## EAST Search History

S56	12	("4835567"   "4928127"   "4928150"   "5055885"   "5081508"   "5448348").PN. OR ("5974283").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 11:49
S57	193	"271".clas. and motor near10 (transmission or gear train) and compact and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 15:25
S58	1	"5974283".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 16:09
S60	146	"271".clas. and stepper motor and (transmission or gear train) and motor and (print\$3 or recording) and feed\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/21 16:11
S61	721	carriage and clutch and motor and (linkage\$1 or gear train or pinion) and (roller or picking mechanism) and ("271".clas. or "347".clas. or "399".clas.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/21 18:42
S62	210	carriage and clutch and motor and (linkage\$1 or gear train or pinion) and (roller or picking mechanism) and ("271".clas. or "347".clas.) and (ink jet or dot printers)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/21 19:02
S63	15	carriage and clutch and motor and (linkage\$1 or gear train or pinion) and (roller or picking mechanism) and ("271".clas. or "347".clas.) and (ink jet or dot printers) and printhead	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/21 19:02
S64	5	("5841450"   "5971520"   "6027212"   "6132027"   "6371595").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 19:08
S65	96	347/104.ccls. and clutch and carriage and motor and (transmission or gear train) and roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 19:19
S66	2	"4630949".pn. "4789259".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 20:32
S67	73565	"271".clas. or "399".clas. or "347".clas. and worm and helical and motor and printer	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/21 20:36

## EAST Search History

S68	204	("271".clas. or "399".clas. or "347".clas.) and worm and helical and motor and printer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/06/21 20:36
S69	0	motor (pinion or gear) and worm and wheel and "271".clas. and 347/104.clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 08:12
S70	55	motor (pinion or gear) and worm and wheel and ("271".clas. or "347".clas.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 08:12
S71	6	("4835567"   "4928127"   "4928150"   "5055885"   "5081508"   "5448348").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 08:26
S72	6674	(changeover mechanism or transmission or gear train) and actuat\$3 and motor and printer and ("271".clas. or "347".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 08:50
S73	3228	(changeover mechanism or transmission or gear train) and actuat\$3 and motor and printer and ("271".clas. or "347".clas.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 09:15
S74	9	271/10.02.ccls. and sensor and print and (transmission or gear train or gear mechanism)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 09:16
S75	182	271/270.ccls. and actuat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/06/22 09:53
S76	13	("5351068"   "5442385"   "5455607"   "5527121"   "5568169"   "5619233"   "5659342"   "5678138"   "5812923"   "5853256"   "6048060"   "6173139").PN. OR ("6650436").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 10:18
S77	1	("4566014").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 15:19
S78	179	347/104.ccls. and speed and motor and clockwise and rollers	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 15:27
S79	0	347/104.ccls. and speed and motor and clockwise and rollers and transmission ratio\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 15:27



## EAST Search History

S80	40	347/104.ccls. and speed and motor and clockwise and rollers and ratio\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 15:32
S81	1173	("347".clas. or "271".clas.) and speed and motor and clockwise and rollers and ratio\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 15:49
S82	535	"74".clas. and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 15:51
S83	593	74/393.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 16:07
S84	14	("3517574"   "4501169"   "4638337"   "4849774"   "5159854"   "5361217"   "5503586"   "5769748"   "5967677"   "6036174"   "6041990"   "6353957").PN. OR ("6499576").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 15:56
S85	0	271/114.clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 16:20
S86	440	271/114.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/22 16:20
S87	1	("5704606").URPN.	USPAT	OR	ON	2007/06/22 16:30
S88	10	("3288461"   "4822023"   "4927130"   "5259607").PN. OR ("5423526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:36
S89	14	("2791425"   "4645192").PN. OR ("4900003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/22 16:40
S90	1	EP-257527-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/06/26 08:15

## EAST Search History

S91	2	change over gear and worm and motor (gear or pinion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 08:41
S92	57	change over and worm and motor (gear or pinion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/06/26 13:26